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<p>(21) International Application Number: PCT/US99/22651</p> <p>(22) International Filing Date: 29 September 1999 (29.09.99)</p> <p>(30) Priority Data: 9821524.7 2 October 1998 (02.10.98) GB</p> <p>(71) Applicant (<i>for all designated States except US</i>): GENERAL DATACOMM, INC. [US/US]; Park Road Extension, Middlebury, CT 06762 (US).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (<i>for US only</i>): GYMER, David [GB/GB]; 5 Randolph Close, Maldon, Essex CM9 6XP (GB). BURDEN, Paul [GB/GB]; 55 Cricketfield Grove, Leigh-on-Sea, Essex CC9 3EJ (GB).</p> <p>(74) Agent: GORDON, David, P.; 65 Woods End Road, Stamford, CT 06905 (US).</p>		<p>(81) Designated States: CA, KR, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published <i>With international search report.</i></p>													
<p>(54) Title: <u>NETWORK MANAGEMENT INFORMATION PROCESSING</u></p> <p>(57) Abstract</p> <p>A method for supplying data from a table in a device responsive to network management protocol commands includes receiving a Protocol Data Unit (PDU) designated as a table block access request (TBAR), identifying the PDU as a TBAR, obtaining an Object Identifier (OI) of a table to be read from the PDU, obtaining an index to a row to be read from the table from the PDU, determining the number of rows to be read based on information obtained from the PDU, looking up information in the table based on the OI and the index, composing a response PDU containing information read from the table for multiple rows based on the number of rows to be read, and outputting a response packet (RP). Optionally, OIs are only included in the RP if requested, and abbreviated OIs are included in the RP. Network devices implementing the method are also provided.</p>															
<table border="1"> <thead> <tr> <th>Operation</th> <th>Calculated Time (Seconds)</th> <th>Actual Time (Seconds)</th> </tr> </thead> <tbody> <tr> <td>GET-NEXT</td> <td>~43</td> <td>~8</td> </tr> <tr> <td>GET-BULK</td> <td>~43</td> <td>~1</td> </tr> <tr> <td>TABLEROWS</td> <td>~43</td> <td>~1</td> </tr> </tbody> </table>				Operation	Calculated Time (Seconds)	Actual Time (Seconds)	GET-NEXT	~43	~8	GET-BULK	~43	~1	TABLEROWS	~43	~1
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